1/4

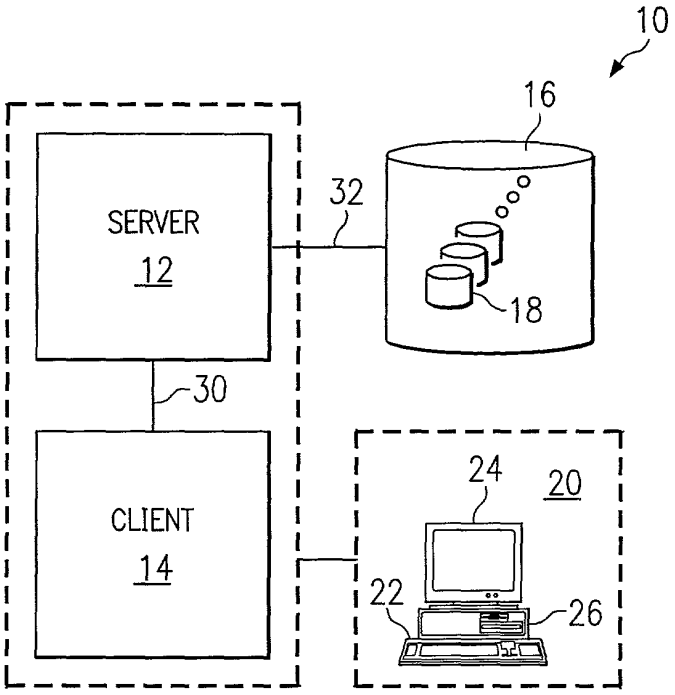

10
16
SERVER
12
32
18
30
CLIENT
14
24
20
22
26

FIG. 1

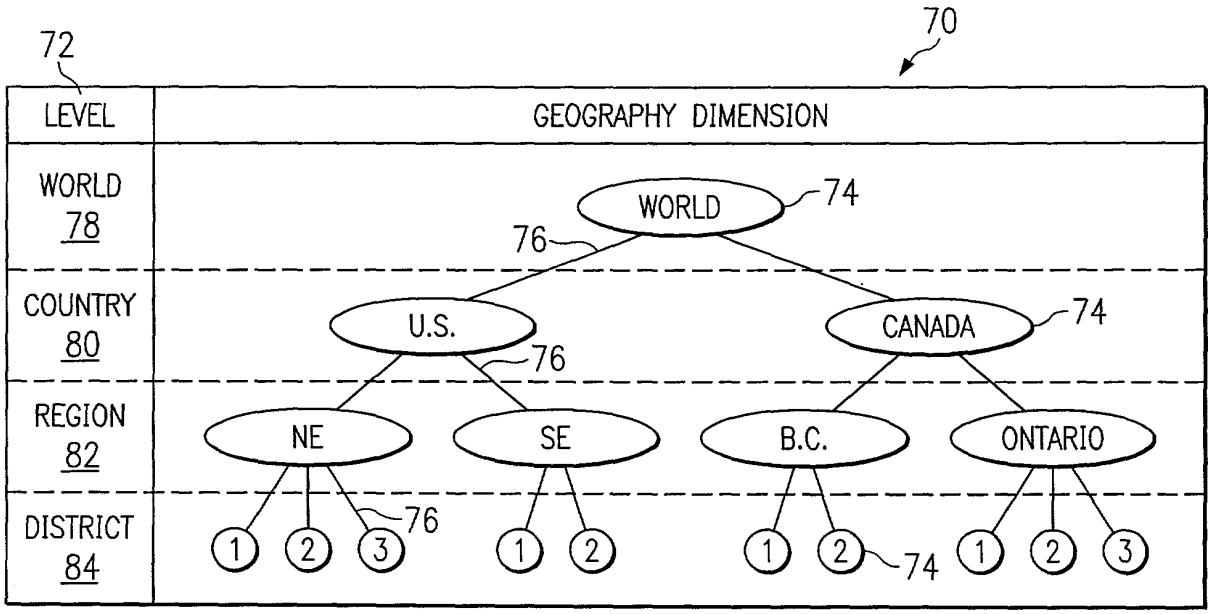

70
72
LEVEL
GEOGRAPHY DIMENSION
WORLD
78
COUNTRY
80
REGION
82
DISTRICT
84
WORLD
74
76
U.S.
CANADA
74
76
NE
SE
B.C.
ONTARIO
76
74
1
2
3
1
2
1
2
1
2
3

FIG. 3

2/4

FIG. 2

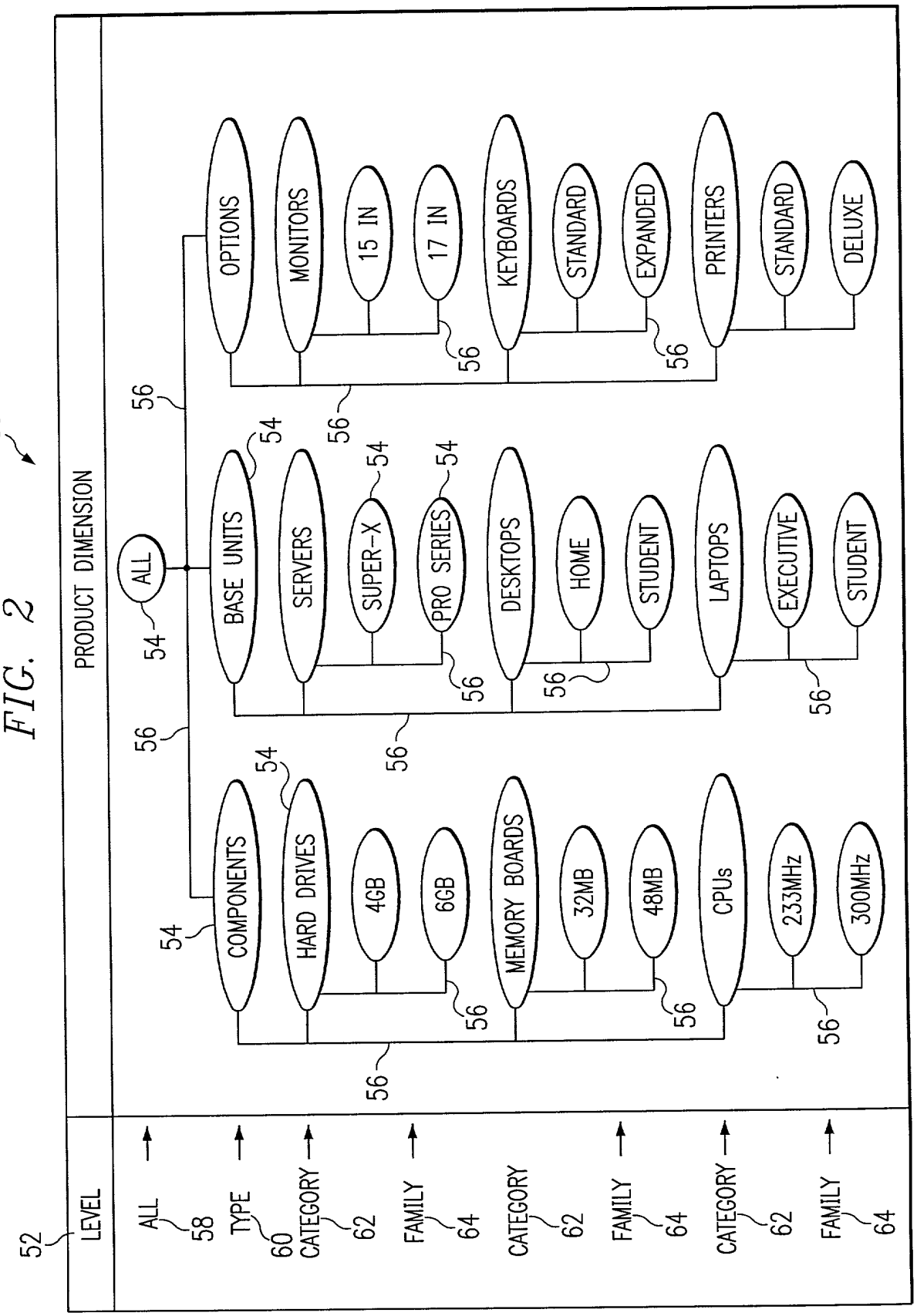

50
PRODUCT DIMENSION
52
LEVEL
ALL
58
TYPE
60
CATEGORY
62
FAMILY
64
CATEGORY
62
FAMILY
64
CATEGORY
62
FAMILY
64
54
ALL
COMPONENTS
HARD DRIVES
4GB
6GB
MEMORY BOARDS
32MB
48MB
CPUs
233MHz
300MHz
BASE UNITS
SERVERS
SUPER-X
PRO SERIES
DESKTOPS
HOME
STUDENT
LAPTOPS
EXECUTIVE
STUDENT
OPTIONS
MONITORS
15 IN
17 IN
KEYBOARDS
STANDARD
EXPANDED
PRINTERS
STANDARD
DELUXE
56

FIG. 4

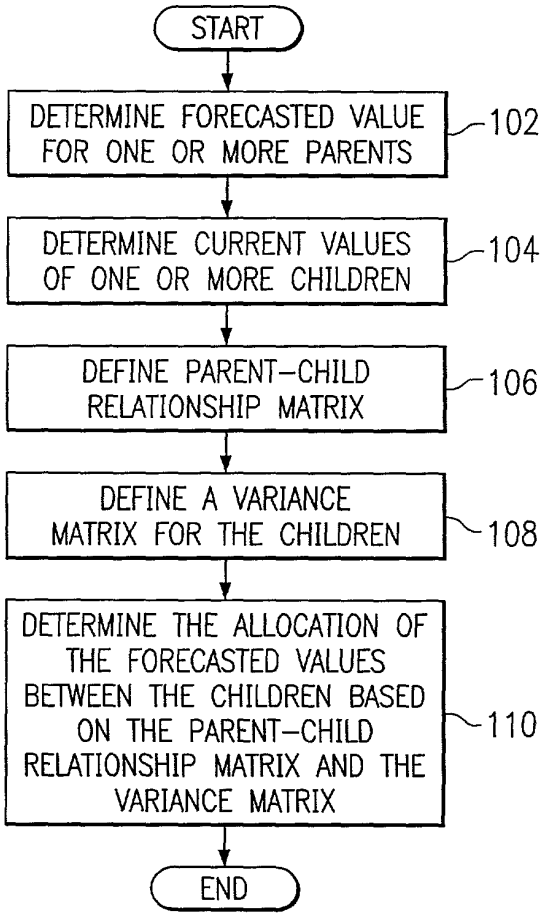


FIG. 5

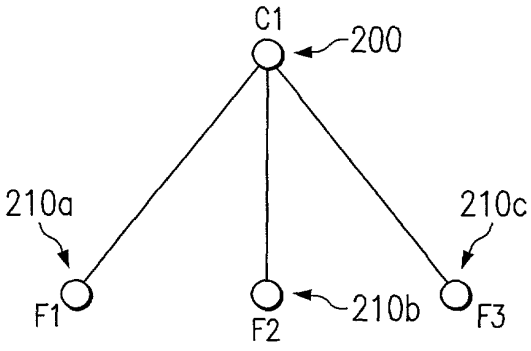


FIG. 6

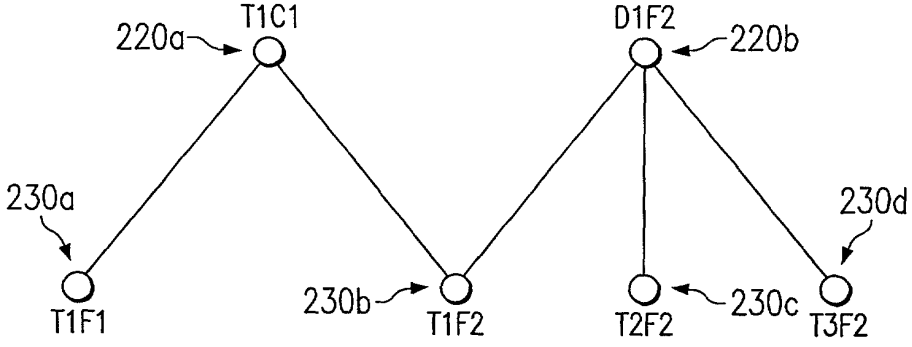
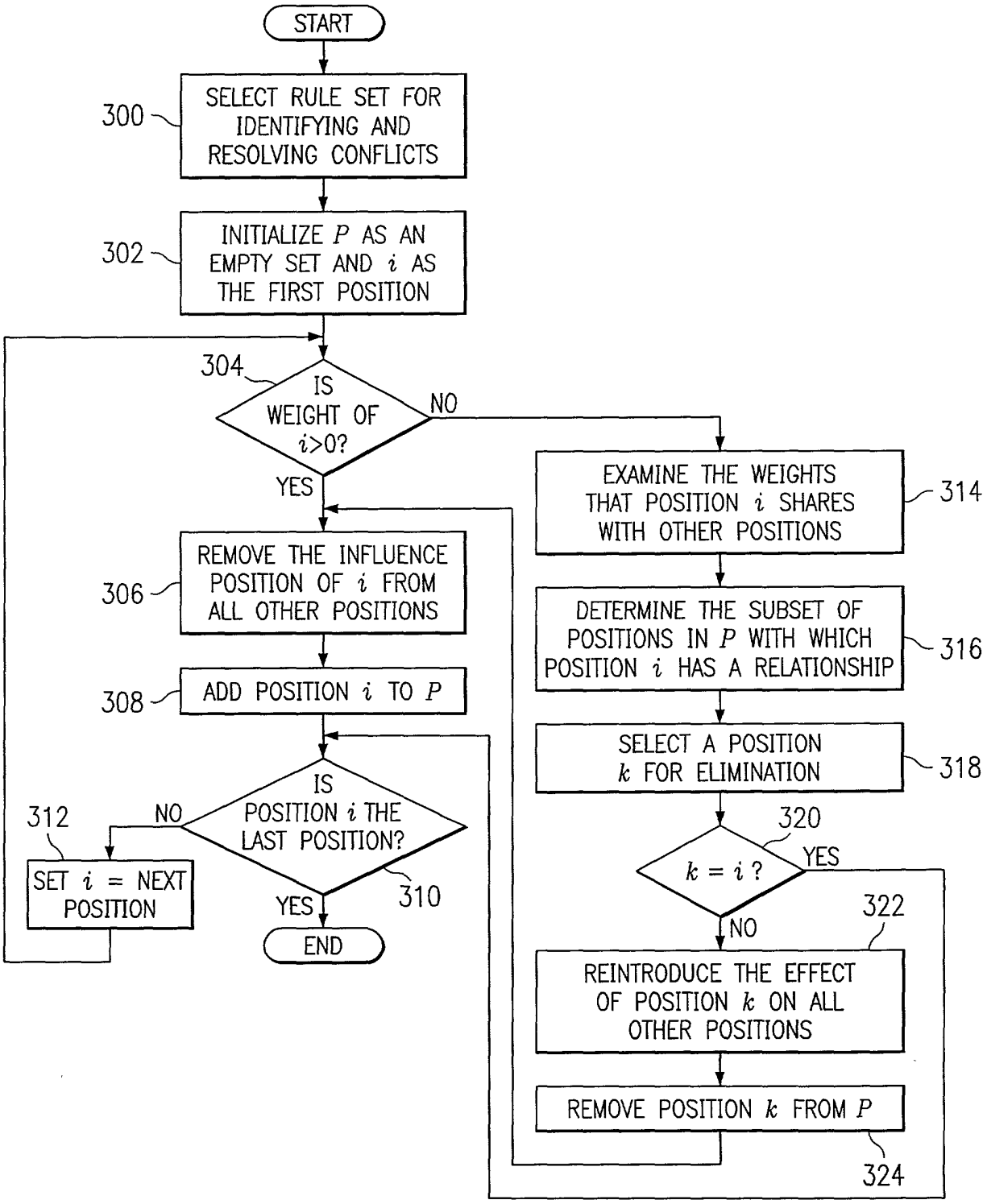


FIG. 7


START
300
SELECT RULE SET FOR IDENTIFYING AND RESOLVING CONFLICTS
302
INITIALIZE P AS AN EMPTY SET AND i AS THE FIRST POSITION
304
IS WEIGHT OF i>0?
NO
YES
306
REMOVE THE INFLUENCE POSITION OF i FROM ALL OTHER POSITIONS
308
ADD POSITION i TO P
IS POSITION i THE LAST POSITION?
310
312
NO
SET i = NEXT POSITION
YES
END
314
EXAMINE THE WEIGHTS THAT POSITION i SHARES WITH OTHER POSITIONS
316
DETERMINE THE SUBSET OF POSITIONS IN P WITH WHICH POSITION i HAS A RELATIONSHIP
318
SELECT A POSITION k FOR ELIMINATION
320
k = i ?
YES
NO
322
REINTRODUCE THE EFFECT OF POSITION k ON ALL OTHER POSITIONS
REMOVE POSITION k FROM P
324